Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Bee Movie**

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science Movie Worksheets

**Bee Facts:**

Honeybees (or hive bees) are in the animalia kingdom, the arthropoda phylum, the insect class, the hymenoptera order and the apoidea family. Beekeepers are sometimes called apiarists. Honeybees and bumblebees (apidae subfamily) are social bees and live in colonies. Solitary bees make their own small family nests.

* The domestic honeybee, Apis mellifera, is a colonial insect living in hives containing
  + one queen — a fertile female
  + a few drones (males)
  + thousands of workers (infertile females)
    - The workers are responsible for:
      * keeping the hive clean
      * building the wax combs of the hive
      * tending the young and, when they get older (and when their for gene gets turned on — Link),
      * foraging for food: nectar and pollen.
* While bees cannot recognize the color red, they do see ultraviolet colors.
* Bee communication includes the use chemical pheromones and “dancing”.

***Questions:***

1. List three discrepancies between real honey bees and what was presented in the movie?
2. Describe an example of how the producer could have changed the movie and make it more accurate?
3. Why should bees not be able to fly?

4. “Small jobs if done very well make a big difference to everyone.” Can you think of a real life example of this?

Insert diagram of bee anatomy for students to label